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CELIA'S LAUNDRY - 08/20/103

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SUSPECTED RELEASE? (y/n)

Y 0

o Summarize the rationale for Suspected Release:

o Celia's Laundry is engaged in the dry-cleaning process. In the
o backyard of the property there were observed during an On-Site
o Reconnaissance that there were five 55-gallon drums placed directly
o over an area of exposed soil. These gallons contained either
o tetrachloroethylene or kerosene. All of them were located in an
o outdoors unroofed area without any liner or containment system. T
o hey also were completely full or partially empty, corroded, and, in
o some cases, bent over and partially burried into the ground. No
o vegetation grew over the soil near, surrounding or directly below
o these drums.

o Ref: 2, 3, 4, 5

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Ground Water Pathway Criteria List

Primary Targets

o Is any drinking water well nearby? (y/n/u) Y

◦ Has any nearby drinking water well been closed? (y/n/u)

- o Has any nearby drinking water well user reported foul-testing or foul-smelling water? (y/n/u) U

◦ Does any nearby well have a large drawdown/high production rate? (y/n/u) N

- o Is any drinking water well located between the site and other wells that are suspected to be exposed to a hazardous substance? (y/n/u) u

- o Does analytical or circumstantial evidence suggest contamination at a drinking water well? (y/n/u) N

- Does any drinking water well warrant sampling? (y/n/u) Y

o Other criteria? (y/n) N

PRIMARY TARGET(S) IDENTIFIED? (y/n)

- THERE ARE THREE DOWNGRADIENT WELLS WITHIN 1-MILE DISTANCE AND SEVERAL WELLS WITHIN TARGET DISTANCES HAVE BEEN CLOSED. DUE TO THE FACT THAT THERE ARE CORRODED AND BENT OVER DRUM EITHER DIRECTLY OVER THE SOIL OR PARTIALLY BURIED IN THE GROUND, THESE WELL (HTRAM

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- o BITHORN I, HIRAM BITHORN II, AND EXT ROOSEVELT COULD BE IN A POTENTIAL DANGER OF CONTAMINATION. ALL THESE WELLS ARE PRASA WELLS.

o Ref: 1-5

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GROUND WATER PATHWAY SCORESHEETS

ÖÄÄÄÄÄÄ

o Ref.

- o Do you suspect a release? (y/n) Yes
- o Is the site located in karst terrain? (y/n) No
- o Depth to aquifer (feet): 0
- o Distance to the nearest drinking water well (feet): 0
- o Suspected ³ No Suspected
- o LIKELIHOOD OF RELEASE o Release ³ Release o References
- o 1. SUSPECTED RELEASE o 550 ³ 0 o o
- o 2. NO SUSPECTED RELEASE o o 0 o o
- LR = o 550 ³ 0 o o

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%

Targets

- o Suspected ³ No Suspected
- o TARGETS o Release ³ Release o References
- o 3. PRIMARY TARGET POPULATION o o 0 o
- o 1042024 person(s) o 10420240 ³ 0 o 0 o
- o 4. SECONDARY TARGET POPULATION o 2938 ³ 0 o o
- o Are any wells part of a blended system? (y/n) Y o o

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- o 5. NEAREST WELL 50 3 0 0 0 0 0 0
- CAA XAAA AAAA AA
- o 6. WELLHEAD PROTECTION AREA 0 3 0 0 0 0 0 0
- o None within 4 Miles 0 3 0 0 0 0 0 0
- CAA XAAA AA
- o 7. RESOURCES 5 3 0 0 0 0 0 0
- E E E E E E E E E
- T = 10423233 3 0 0 0 0 0 0 0
- E E E E E E E E E

WASTE CHARACTERISTICS WC = E »
 32 3 0 0 0 0 0 0
 E E

GROUND WATER PATHWAY SCORE: E »
 100 0 0 0 0 0 0 0
 E E

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-s0B Ground Water Target Populations

- E E E E E E E E E
- o Primary Target Population 3 Dist. 3 Population 3 0 0 0
- o Drinking Water Well ID 3 (miles) 3 Served 3 Reference 0 Value 0
- i i i i i i i i i
- o 1 HIRAM BITHORN I 3 1.00 3 265535 3 0 0 0 2655350
- CAA XAAA AA
- o 2 HIRAM BITHORN II 3 1.00 3 94547 3 0 0 0 945470
- CAA XAAA AA
- o 3 SORBONA 3 1.25 3 356058 3 0 0 0 3560580
- CAA XAAA AA
- o 4 UPR I 3 1.50 3 160930 3 0 0 0 1609300
- CAA XAAA AA
- o 5 UPR IV 3 1.50 3 94547 3 0 0 0 945470
- E E E E E E E E E
- *** Note : Maximum of 5 Wells Are Printed Total 0 1042024 0 E E E
- E E E E E E E E E

- E E E E E E E E E
- o Secondary Target Population 3 Population 3 0 0 0 0 0
- o Distance Categories 3 Served 3 Reference 0 Value 0
- i i i i i i i i i
- o 0 to 1/4 mile 3 0 3 0 0 0 0 0 0
- CAA XAAA AA
- o Greater than 1/4 to 1/2 mile 3 0 3 0 0 0 0 0 0
- CAA XAAA AA
- o Greater than 1/2 to 1 mile 3 0 3 0 0 0 0 0 0
- CAA XAAA AA
- o Greater than 1 to 2 miles 3 300000 3 0 0 0 0 0 2938
- CAA XAAA AA
- o Greater than 2 to 3 miles 3 0 3 0 0 0 0 0 0
- CAA XAAA AA
- o Greater than 3 to 4 miles 3 0 3 0 0 0 0 0 0
- E E E E E E E E E
- Total 0 2938 0 E E E E E E E
- E E E E E E E E E

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-(s0B Apportionment Documentation for a Blended System

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-(S0B) SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics

ÖÄÄÄÄÄÄÄ -

- o Do you suspect a release? (y/n) Yes
 o AAAAAAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA X AAAAAAA 1
 o Distance to surface water (feet): 0
 o Flood frequency (years): 1-10
 o what is the downstream distance (miles) to:
 o a. the nearest drinking water intake? 0.0
 o b. the nearest fishery? 0.0
 o c. the nearest sensitive environment? 0.0
 o Suspected 3 No Suspected
 o LIKELIHOOD OF RELEASE o Release 3 Release o References
 o 1. SUSPECTED RELEASE o 550 3 0
 o 2. NO SUSPECTED RELEASE o 3 0
 LR = o 550 3 0

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-(s0B Human Food Chain Threat Targets-

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Environmental Threat Targets

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-sOB Surface Water Pathway Threat Scores

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SURFACE WATER PATHWAY SCORE: ° 27 °
Eiiiiiiiiiiiiiiiiii%

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- Ooo.
- o Soil Exposure Pathway Criteria List °
o Resident Population °
ff'°
o Is any residence, school, or daycare facility on or °
o within 200 feet of an area of suspected contamination? (y/n/u) Y °
o °
o Is any residence, school, or daycare facility located on adjacent °
o land previously owned or leased by the site owner/operator? (y/n/u) N °
o °
o Is there a migration route that might spread hazardous °
o substances near residences, schools, or daycare facilities? (y/n/u) Y °
o °
o Have onsite or adjacent residents or students reported adverse °
o health effects, exclusive of apparent drinking water or air °
o contamination problems? (y/n/u) U °

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- o Does any neighboring property warrant sampling? (y/n/u) Y
 - o Other criteria? (y/n) N
 - o RESIDENT POPULATION IDENTIFIED? (y/n) Y
 - o Summarize the rationale for Resident Population:
 - o CELIAS LAUNDRY IS LOCATED IN A TWO STORIES BUILDING. THERE IS A RESIDENTIAL APARMENT ON THE SECOND FLOOR FROM THE OWNER. THE RESIDENT FROM THE RESIDENTIAL APARMENT CAN ACCESS THE BACKYARD.
 - o Ref: 2, 3, AND 4

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SOIL EXPOSURE PATHWAY SCORESHEETS

Pathway Characteristics

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Targets

° 2. RESIDENT POPULATION ° 0 ° °
 ° 0 resident(s) ° ° °
 ° 0 school/daycare student(s) ° ° °
 ° ° °
 ° 3. RESIDENT INDIVIDUAL ° 0 ° °
 ° ° °
 ° 4. WORKERS ° 0 ° °
 ° None ° ° °
 ° ° °
 ° 5. TERRES, SENSITIVE ENVIRONMENTS ° 0 ° °
 ° ° °
 ° 6. RESOURCES ° 0 ° °
 ° ° °
 T = ° 0 ° °
 ° ° °

WASTE CHARACTERISTICS

$$WC = \frac{E_1 + E_2 + E_3 + E_4}{4}$$

RESIDENT POPULATION THREAT SCORE:

NEARBY POPULATION THREAT SCORE:

Population within 1 Mile: >50,000

SOTI EXPOSURE PATHWAY SCORE:

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-(sOB Soil Exposure Pathway Terrestrial Sensitive Environments

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Ooo
o Air Pathway Criteria List o
o Suspected Release o
fffff
o Are odors currently reported? (y/n/u) U o
o
o Has release of a hazardous substance to the air o
o been directly observed? (y/n/u) N o
o
o Are there reports of adverse health effects (e.g., headaches, o
o nausea, dizziness) potentially resulting from migration o
o of hazardous substances through the air? (y/n/u) N o
o
o Does analytical/circumstantial evidence suggest release to air? (y/n/u) N o
Coo
o Other criteria? (y/n) N o
Coo
o SUSPECTED RELEASE? (y/n) N o
o
o Summarize the rationale for Suspected Release: o
o
o
o
o
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-(s0B) AIR PATHWAY SCORESHEETS

Pathway Characteristics Öoooooooooooo
o Do you suspect a release? (y/n) o Ref. o
o Distance to the nearest individual (feet): o No o
o LIKELIHOOD OF RELEASE o Suspected o No Suspected o
o 1. SUSPECTED RELEASE o Release o Release o References o
o 2. NO SUSPECTED RELEASE o Release o Release o References o
LR = o 0 o 3 o 500 o 500

Targets »
o TARGETS o Suspected o No Suspected o
o 3. PRIMARY TARGET POPULATION o Release o Release o References o
o 0 person(s) o 0 o 3 o 0
o 4. SECONDARY TARGET POPULATION o 0 o 3 o 699
o 5. NEAREST INDIVIDUAL o 0 o 3 o 20
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- 6. PRIMARY SENSITIVE ENVIRONS. ◦ 0 ◦ 3 ◦ ◦ ◦ ◦ ◦ ◦ ◦ ◦
- 7. SECONDARY SENSITIVE ENVIRONS. ◦ 0 ◦ 3 ◦ ◦ ◦ ◦ ◦ ◦ ◦ ◦
- 8. RESOURCES ◦ 0 ◦ 0 ◦ 3 ◦ ◦ 5 ◦ ◦ ◦ ◦ ◦ ◦

$T = \frac{0 + 3 + 724}{3} = 241$

WASTE CHARACTERISTICS WC = $\frac{0 + 3 + 18}{3} = 7.67$

AIR PATHWAY SCORE: 79

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-~~0B Air Pathway Secondary Target Populations~~

Distance Categories	Population	References	Value
Onsite	11	3	2
Greater than 0 to 1/4 mile	20867	3	408
Greater than 1/4 to 1/2 mile	16461	3	88
Greater than 1/2 to 1 mile	58647	3	83
Greater than 1 to 2 miles	103717	3	83
Greater than 2 to 3 miles	85591	3	12
Greater than 3 to 4 miles	110986	3	23
Total Secondary Population Value			699

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-**(s0B Air Pathway Primary Sensitive Environments**

o Sensitive Environment Name	3 Distance	3 Reference	o Value
None	3	0	0
ÇAAAAAA	3	0	0
ÇAAAAAA	3	0	0
ÇAAAAAA	3	0	0
ÇAAAAAA	3	0	0
ÇAAAAAA	3	0	0
Èfffff	3	0	0
Total Primary Sensitive Environments Value			0

*** Note : Maximum of 7 Sensitive Environments Are Printed***

Air Pathway Secondary Sensitive Environments

o Sensitive Environment Name	3 Distance	3 Reference	o Value
1 WETLAND	3 >1/4-1/2	3 0.0	0
ÇAAAAAA	3 3	0	0
ÇAAAAAA	3 3	0	0
ÇAAAAAA	3 3	0	0
ÇAAAAAA	3 3	0	0
ÇAAAAAA	3 3	0	0

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Total Secondary Sensitive Environments Value $\frac{1}{4}$

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SITE SCORE CALCULATION

	SCORE	
3 GROUND WATER PATHWAY SCORE:	100	3
3 SURFACE WATER PATHWAY SCORE:	27	3
3 SOIL EXPOSURE PATHWAY SCORE:	4	3
3 AIR PATHWAY SCORE:	79	3
3 SITE SCORE:	65	3

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SUMMARY

UAAA

3 1. Is there a high possibility of a threat to any nearby drinking water
 3 well(s) by migration of a hazardous substance in ground water? Yes 3
 3

3 If yes, identify the well(s). 3

3 PRASA WELLS: HIRAM BITHORN I, HIRAM BITHORN II,
 3 EXT. ROOSEVELT (BALDRICH), UPR I, UPR IV,
 3 LAS AMERICAS, LOS POLLITOS, SORBONA 3

3 If yes, how many people are served by the threatened well(s)? 99999 3

3 2. Is there a high possibility of a threat to any of the following by
 3 hazardous substance migration in surface water? 3

- 3 A. Drinking water intake NO 3
- 3 B. Fishery NO 3
- 3 C. Sensitive environment (wetland, critical habitat, others) NO 3

3 If yes, identity the target(s). 3

3 3. Is there a high possibility of an area of surficial contamination
 3 within 200 feet of any residence, school, or daycare facility? NO 3

3 If yes, identify the properties and estimate the associated population(s) 3

3 4. Are there public health concerns at this site
 3 that are not addressed by PA scoring considerations? NO 3

3 If yes, explain: 3

